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MONTANA OIL AND GAS STATISTICAL BULLETIN

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OIL AND GAS CONSERVATION COMMISSION
SAVINGS BLDG.
HELENA, MONTANA

Vol. XIII, No. 3 HELENA INDEPENDENT-RECORD HELENA, MONTANA **MARCH, 1965**

Production of crude oil and condensate from the oil and gas areas of Montana for the month of March 1965, averaged 86,026 barrels daily, an increase of 1,720 barrels from the average February production of 84,306.

The nine refineries in state processed 89,588 barrels of crude oil daily for the mnoth of March, 1965, a decrease of 647 barrels from the 90,235 barrels processed daily during the mnoth of February, 1965.

During March, 39 wells were completed, 18 oil, 0 gas wells and 21 dry holes.

During March, the commission issued 44 permits to drill new wells, an increase of 26 from 18 permits issued during February.

SUMMARY OF CRUDE OIL PRODUCTION REFINING, STORAGE, ETC., IN MONTANA MONTH OF MARCH, 1965

IN STORAGE MARCH 1st:	
By Producers	376,227
By Transporters	978,152
By Refiners	592,741
TOTAL STORAGE	1,947,120
Produced in Montana During Month	2,666,830
Imported During Month	1,600,321
TOTALS	6,214,271
DISPOSITION:	
Refined in Montana	2,777,249
Exported	1,358,367
Used for Fuel or Lost	10,979
TOTAL	4,146,595
IN STORAGE MARCH 31st:	
By Producers	376,346
By Transporters	986,628
By Refiners	704,702
TOTAL STORAGE	2,067,676

NATURAL GAS WITHDRAWALS IN MONTANA

Month of March, 1965

Field	MCu. Ft.
Bears Den	0
Big Coulee	132,409
Bowdoin	308,341
Bowes	61,721
Cabin Creek	86,968
Cedar Creek	416,564
Cut Bank (Including Reagan)	744,916
Devon	0
Dry Creek	177,402
Elk Basin	25,847
Flat Coulee	0
Gold Butte	0
Golden Dome	0
Grandview	0
Hardin	2,359
Keith Block	293,828
Kevin Sunburst	88,377
Middle Butte	6,126
Mount Lili	17,326
Pine	58,018
Plevna	13,817
Utopia	109,320
Whitlash	138,899
Miscellaneous	42,863
TOTAL	2,725,101

Total withdrawals for March, 1964 were 2,597,469

PRODUCER'S REPORT—MONTH OF MARCH, 1965

Leases	Field	No. of Wells	Storage 1st of Month	Oil Produced	Oil Shipped By: Pipeline	Oil Shipped By: Truck	Used or Lost	Storage End of Month
1	Ash Creek	4	395	2,349		2,364		380
3	Bannatyne	7	1,228	1,005		653		1,580
1	Bascom	1	218	172	198			192
4	Bear's Den	5	1,645	1,447		1,738		1,354
1	Belfry	1	153	259				412
1	Benrud	1	946	1,527	1,512			961
1	Benrud East	1	880	12,447	12,799			528
1	Benrud Northeast	1	718	15,292	15,389			621
8	Big Wall	24	1,997	20,888	20,207			2,678
7	Blackfoot	11	1,823	5,429	2,905	2,690		1,657
1	Bloomfield	1	284	539	571			252
3	Border	5	206	1,686		1,686		206
1	Bowes	61	4,390	15,374	12,633			7,131
3	Bradley	3	1,210	1,038	667			1,581
1	Brady	1		355	355			
1	Bredette North	1	166	157				323
2	Cabin Creek	110	18,038	265,393	275,952			7,479
14	Cat Creek	85	2,375	18,905	18,397			2,883
1	Clark's Fork	1	135	35				170
	Clark's Fork North		303					303
2	Conrad South	2	691	992	1,066		2	615
1	Cupton	1	1,807	454				2,261
151	Cut Bank	1,024	106,143	187,611	182,720	3,414	0	107,620
3	Deer Creek	4	2,836	4,297	5,414			1,719
1	Delphia	1	191	1,439		1,405		225
	Devil's Basin		498					498
1	Dry Creek	1	400	6				406
16	Dwyer	17	9,525	38,862	40,166			8,221
9	Elk Basin	66	3,908	307,391	305,464			5,835
1	Elk Basin Northwest	1	1,110	1,704		433		2,381
3	Fertile Prairie	3	1,358	2,218		2,424		1,152
24	Flat Coulee	29	5,031	36,789	36,424			5,396
11	Flat Lake	11	5,817	36,099		35,987	295	5,634
2	Frannie	2		1,517	1,517			
18	Fred & George Creek	29	2,859	111,871	112,794			1,936
1	Gage	2	284	278				562
1	Gage Southwest	1	408	460		437		431
4	Gas City	27	8,096	63,421	61,458	2,253		7,806
7	Glendive	11	3,072	39,658	40,846			1,884
13	Goose Lake	15	3,418	47,592	46,400			4,610
6	Graben Coulee	11	3,451	4,561	3,312	1,024		3,676
	Grandview		112					112
4	Gypsy Basin	6	2,630	2,126		1,489	600	2,667
1	Hibbard	1	393	322		401		314
8	Ivanhoe	14	5,236	27,199	27,309		61	5,065
9	Keg Coulee	22	5,700	23,156	22,338		4	6,514
2	Keg Coulee North	2	1,201	7,578		7,875		904
102	Kevin Sunburst	569	15,866	31,563	30,564			16,865
2	Little Beaver	24	3,628	27,404	26,744			4,288
3	Little Beaver East	18	2,597	21,066	20,064			3,599
2	Lodge Grass	2	1,039	2,272		2,048		1,263
3	Lone Tree	3	1,174	5,597		6,213		558
26	Lookout Butte	71	3,604	120,218	119,540			4,282
	Mackay Dome		770					770
2	Mason Lake	2	860	4,262	4,509			613
2	Melstone	5	957	3,179	2,663			1,473
1	Mineral Bench	1	271	1,135	728			678
6	Monarch	14	4,066	15,422	16,877			2,611
3	Mosser	8		692		692		
	Musselshell		300					300
7	Outlook	12	7,014	31,625	31,930			6,709
2	Outlook South	2	1,351	3,331	3,085			1,597
64	Pennel	111	4,112	216,225	215,874			4,463
4	Pine	131	13,199	337,162	335,317		808	14,236
4	Pole Creek	7	752	4,873		3,786		1,839
65	Pondera	310	7,414	29,317	26,884			9,847
2	Pondera Coulee	2		378	378			
5	Poplar East	74	13,674	92,803	91,891		137	14,449
4	Poplar Northwest	5	2,107	1,058	1,148			2,017
6	Ragged Point	17	2,656	6,289	6,508			2,437
4	Reagan	43	3,131	17,419	18,373			2,177
1	Red Creek	19	3,564	31,761	32,124			3,201
1	Redstone	1	505	986	1,143			348
1	Repeat	1	908	1,555		2,178		285
5	Richey	6	3,192	1,363	366			4,189
6	Richey Southwest	7	3,188	13,046		12,416		3,818
4	Sand Creek	5		5,828	5,828			
1	Shotgun Creek	1	246	786		670		362
4	Sidney-Brorson	4	2,917	2,338		3,254		2,001
	Snyder		2,029					2,029
5	Soap Creek	9	6,336	4,561		5,314		5,583
2	Spring Lake	3	2,747	5,868		4,709		3,906
2	Stensvad	23	5,770	35,913	35,764			5,919
25	Sumatra	79	13,465	83,898	84,676			12,687
6	Tule Creek	7	3,596	40,820	41,695			2,721
2	Tule Creek East	2	495	26,129		26,248		376
1	Tule Creek South	1	512	3,249		3,254		507
2	Vida	2	1,216	2,403		2,094		1,525
2	Volt	2	2,686	10,656		11,620		1,722
2	Weldon	7	3,692	67,703		66,945		4,450
12	Whitlash	29	6,789	13,737	11,915			8,611
1	Whitlash West	1	140	214	214			140
2	Wills Creek South	2	1,477	9,408	9,267			1,618
9	Wolf Springs	15	5,549	12,773	15,095			3,227
4	Woodrow	6	952	6,184	6,761			375
1	Wildcat, Carbon Cty	1	209	280		352		137
1	Wildcat, Glacier Cty	1	220	183				403
775		3,292	376,227	2,666,830	2,446,738	218,066	1,907	376,346

Total Oil Produced & Shipped From Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1964	30,647,498	83,965	30,604,009	83,846
January, 1965	2,555,847	82,446	2,543,560	82,050
February, 1965	2,360,587	84,306	2,358,318	84,225
March, 1965	2,666,830	86,026	2,664,804	85,961

Oil In Storage	In Producers Field Tank	In Transporters Storage	In Refiners Storage*	Total Oil In Storage*
December, 1964	369,139	933,819	508,411	1,811,369
January, 1965	379,744	920,233	503,520	1,803,497
February, 1965	376,227	978,152	592,741	1,947,120
March, 1965	376,346	986,628	704,702	2,067,676

*Includes Wyoming Oil.

TRANSPORTER'S REPORT—MONTH OF MARCH, 1965

	Storage First of Month	OIL RECEIVED BY			Loss or (Gain)	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			2,364				2,364		
BANNATYNE—Truck			653			653			
BEAR'S DEN—Truck			1,738			1,738			
BIG WALL—									
Continental Pipeline Co.		20,688				20,688			
BLACKFOOT—Union Oil Co.		2,905				2,905			
Camerland Cardinal Corp.			2,690					2,690	
		2,905	2,690			2,905		2,690	
BORDER—Truck			1,686			235		1,451	
BOWES—Texaco, Inc.		12,633				12,633			
CABIN CREEK & OTHERS*									
Butte Pipeline Co.	282,288	806,955	88,310	701,226			1,579,279		299,500
Shell Pipeline Co.	3,178	350,165		161	692			349,705	3,107
	285,466	1,157,120	88,310	701,387	692		1,579,279	349,705	302,607
CAT CREEK									
Continental Pipeline Co.		16,552				16,552			
CUT BANK									
Darling Gathering System, Inc.	1,924	5,115						5,254	1,785
Continental Pipeline Co.			5,927	639,478		645,405			
Phillips Petroleum Co.	91,754	53,404		13,088	301	78,848			79,097
Texas Pipeline Co.	25,971	41,962		11,265	118			48,255	30,825
Union Oil Co.	65,165	92,748		24,151	(1,059)	111,737			71,386
Western Oil Transportation Co.	11,069	32,385		41,266	323			65,223	19,174
	195,883	225,614	5,927	729,248	(317)	835,990		118,732	202,267
DELPHIA—Truck			1,405			1,405			
DWYER—Portal Pipeline Co.		37,741					37,741		
ELK BASIN—									
Marathon Pipeline Co.		304,720				304,720			
ELK BASIN NORTHWEST—Truck			433			433			
FLAT COULEE—									
Camerland Cardinal Corp.	3,000	33,729						33,729	3,000
FLAT LAKE—Truck			35,987				35,987		
FRANNIE—Marathon Pipeline Co.		1,517					1,517		
FRED & GEORGE CREEK									
Camerland Cardinal Corp.	28,574	105,254				60,169		54,917	18,742
GAGE—Truck			437			437			
GLENDIVE, DEER CREEK, WOODROW & SAND CREEK—									
Texas Pipeline Co.	12,458	48,798			758			51,184	9,314
GOOSE LAKE—									
Portal Pipeline Co.		46,547					46,547		
HIBBARD—Truck			401			401			
IVANHOE—									
Continental Pipeline Co.		27,059				27,059			
KEG COULEE—									
Continental Pipeline Co.		22,340				22,340			
KEG COULEE NORTH—Truck			7,875				7,875		
KEVIN SUNBURST—									
Big West Oil Co.	2,808	43,409				41,763			4,454
Homestake Oil & Gas Co.	945	1,321		5,254		7,048			472
Texas Pipeline Co.	8,198	10,896			225			11,265	7,604
	11,951	55,626		5,254	225	48,811		11,265	12,530
LODGE GRASS—McWood Corp.			2,048			2,048			
LONE TREE—Truck			6,213				6,213		
MASON LAKE—									
Continental Pipeline Co.		4,508				4,508			
MELSTONE—									
Continental Pipeline Co.		2,664				2,664			
MOSSER—Truck			692				692		
POLE CREEK—Truck			3,786				3,786		
PONDERA—Phillips Petr. Co.	38,551	28,361		169	791	39,751			26,539
POPLAR, BENRUD, BENRUD EAST, BENRUD NORTHEAST, BREDETTE, OUTLOOK, OUTLOOK SOUTH, REDSTONE, & TULE CREEK									
East Poplar Gathering System	16,046	197,751		59,914	1,723			257,484‡	14,504
RAGGED POINT—									
Continental Pipeline Co.		6,509				2,427	4,082		
RED CREEK—									
Western Oil Transportation Co.		32,116			321			31,795	
SHOTGUN CREEK—Truck			670				670		
SIDNEY-BRORSON									
McWood Corp.	5,044		3,254	35,459				40,158	3,599
SOAP CREEK—McWood Corp.	3,536		5,314	1,910		6,775			3,985
SPRING LAKE—Truck			4,709				4,709		
SUMATRA AND STENSVAD—									
Continental Pipeline Co.	377,643	121,571		8,366	2,311	94,770		25,669	384,830
TULE CREEK EAST & SOUTH & VOLT									
Tesoro Petr. Corp.			41,122	3,241		39,652			4,711
WHITLASH AND WHITLASH WEST									
Camerland Cardinal Corp.		13,219				13,219			
WOLF SPRINGS—									
Continental Pipeline Co.		15,099				15,099			
WILDCAT WELLS			352			352			
TOTALS	978,152	2,540,641	218,066	1,544,948	6,504	1,578,434	1,731,462	978,779	986,628

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, Little Beaver East, Lookout Butte, Monarch, Pennel, Pine, Repeat, Richey, Richey Southwest and Wills Creek South.

‡Transferred to Butte Pipeline Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF MARCH, 1965

Field	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Humble Oil & Ref. Co.	Jet Fuel Refinery	Tesoro Petr. Corp.	Phillips Petr. Co.	Union Oil Co.	Total
Big Wall				20,688						20,688
Blackfoot									2,522	2,522
Border				235						235
Bowes			5,798					5,751		11,549
Cat Creek		10,312		4,217		2,023				16,552
Cut Bank	20,445	200,334						78,848	101,321	400,948
Delphia						802				802
Elk Basin		114,058		75,817	114,844					304,719
Fred & George Creek		60,169								60,169
Gage						226				226
Hibbard						141				141
Ivanhoe					27,059					27,059
Keg Coulee				22,340						22,340
Kevin Sunburst	48,811									48,811
Lodge Grass		2,048								2,048
Mason Lake		4,444				64				4,508
Melstone				2,664						2,664
Pondera								39,059		39,059
Ragged Point		2,427								2,427
Red Creek					31,795	350				32,145
Richey Southwest						185				185
Soap Creek		6,775								6,775
Sumatra & Stensvad		20,384		74,386						94,770
Tule Creek							40,621			40,621
Whitlash	13,219									13,219
Wolf Springs					21,746					21,746
Total Montana Oil	82,475	420,951	5,798	200,347	195,444	3,791	40,621	123,658	103,843	1,176,928
Canadian Oil Imported		398,661							1,406	400,067
Wyoming Oil Imported		75,712		281,653	840,866	2,023				1,200,254
Total Montana, Canadian, and Wyoming Oil	82,475	895,324	5,798	482,000	1,036,310	5,814	40,621	123,658	105,249	2,777,249

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1964	33,677	10,963	43,051	87,691
March, 1964	33,430	10,094	43,976	87,500
March, 1965	37,965	12,906	38,717	89,588

PERCENTAGE OF CRUDE OIL REFINED

Montana	Canada	Wyoming
38.40%	12.51%	49.09%
38.20%	11.55%	50.25%
42.37%	14.42%	43.21%